

Amendments to the Specification:

Please replace the paragraph beginning at page 12, line 12, with the following rewritten paragraph:

--In ~~a the preferred~~ a preferred embodiment of the present invention, the fluorocarbon binder polychlorotrifluorethylene (Kel-F) fulfills the role of satisfying oxygen demand internally, thus eliminating the signal dependence on oxygen level, and also allows for a convenient paste preparation (unlike perfluorononane, which is too dry and requires a large liquid to carbon ratio). Binders other than Kel-F may also be used. For example, mineral oil may be used in combination with a perfluorochemical (such as Nafion), although mineral oil alone does not provide a sustainable source of oxygen, and results in a rapid glucose response loss within the first 20 minutes. The oil binder may also contain a different additive (such as myoglobin, a natural oxygen binder) with or without the presence of perfluorocarbons.--